

Space Science Symposium

Overview of JPL's Acquisition Division

Amanda Beckman-Hezel

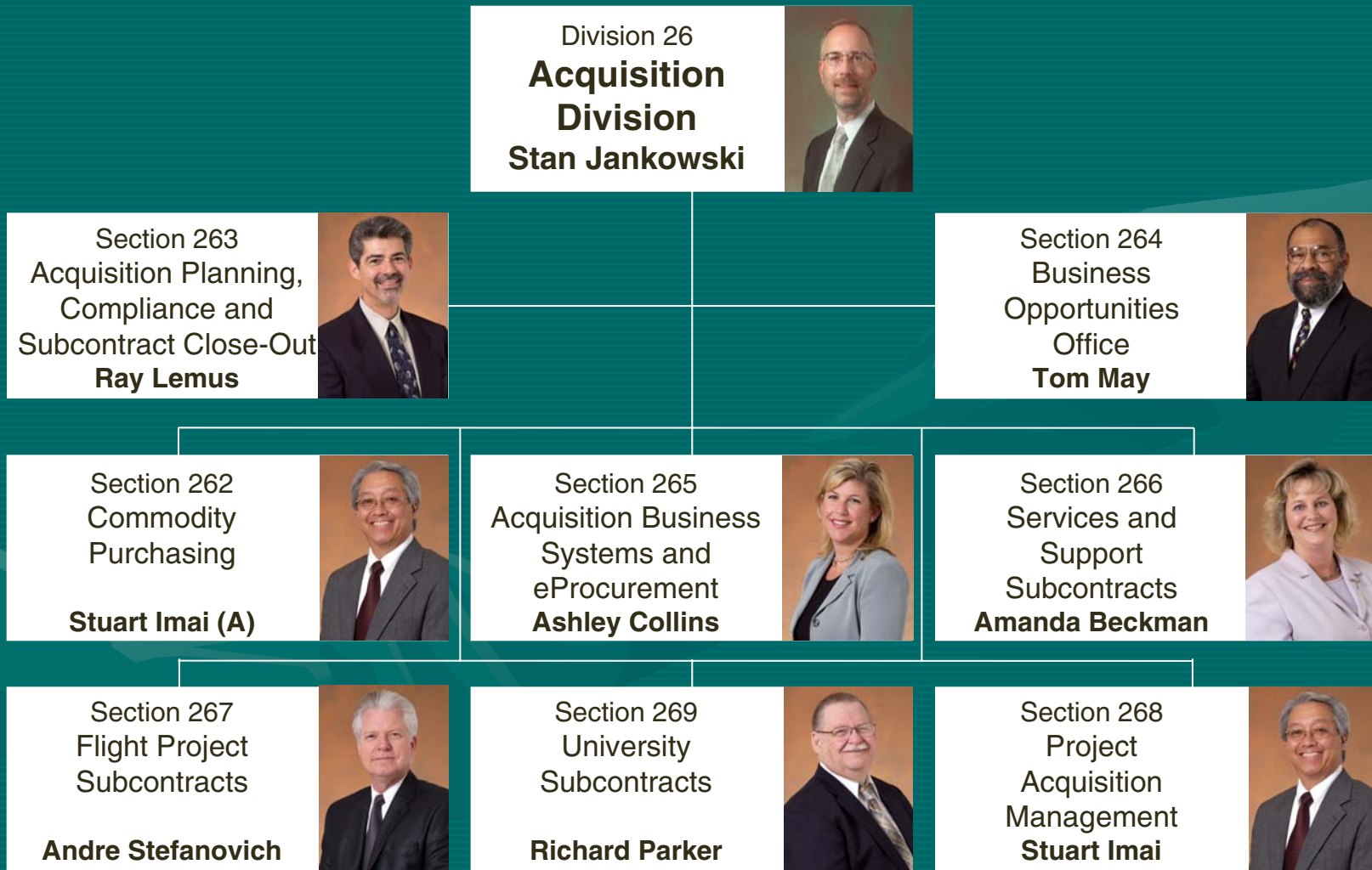
June 2004

Acquisition Division Overview

AGENDA

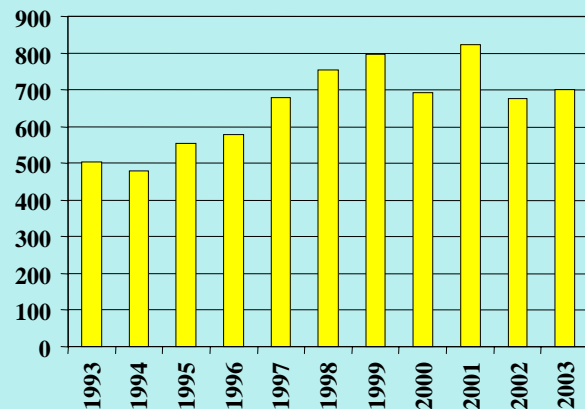
- Who we are
- Commitment Profile – FY'03
- What we are responsible for
- Helpful web sites

Who we are . . .

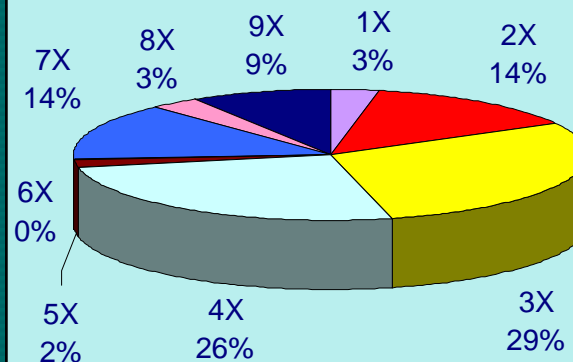


Commitment Profile – FY'03

Encumbrances (\$M)



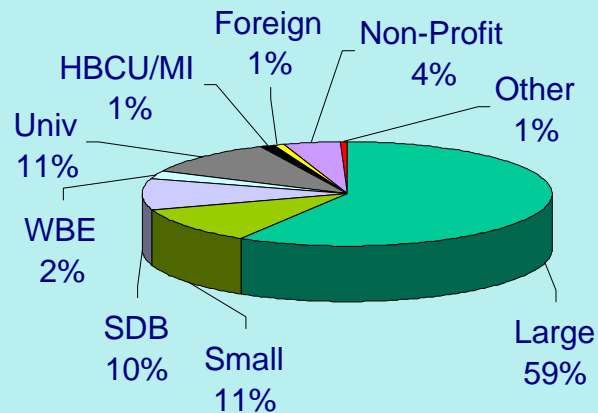
Directorate User Profile



Program User Profile

1. Mars Reconnaissance	\$ 97.1M
2. SIRTf	\$ 49.1M
3. Facilities	\$ 45.1M
4. ICIS	\$ 38.7M
5. Deep Impact	\$ 28.7M
6. MER	\$ 16.6M
7. Dawn – Discovery	\$ 15.7M
8. Jupiter Icy Moons	\$ 15.3M
9. DSN	\$ 14.5M
10. Cassini	\$ 12.3M

Encumbrance Profile



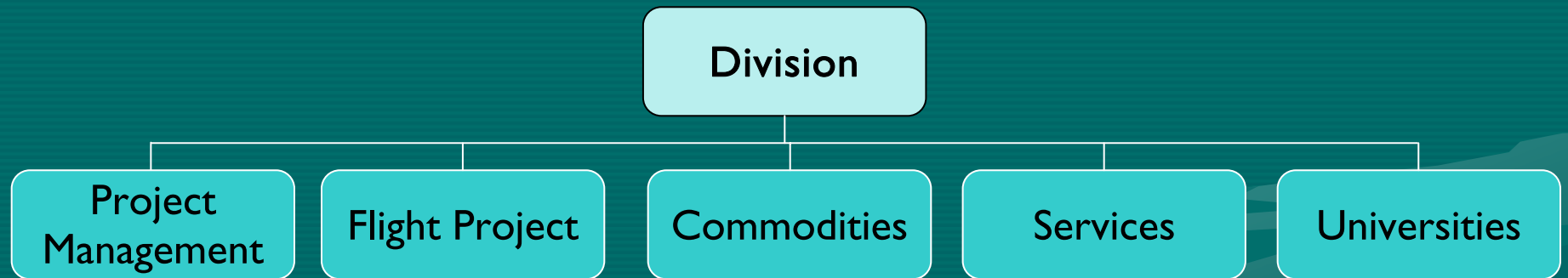
Top 10 Suppliers

1. Lockheed Martin	\$ 119.7M
2. Ball	\$ 51.5M
3. LMIT / OAO	\$ 34.1M
4. ACRO Service	\$ 19.8M
5. User Technology	\$ 14.2M
6. Jacobs Engineering	\$ 14.0M
7. Applied Physics Lab	\$ 13.7M
8. Computer Sciences	\$ 12.3M
9. Orbital Sciences	\$ 12.1M
10. Raytheon	\$ 8.6M

Top 10 Universities

1. Arizona	\$ 29.0M
2. Cornell	\$ 8.0M
3. Arizona State	\$ 6.2M
4. Stanford	\$ 5.5M
5. Michigan	\$ 3.2M
6. Colorado	\$ 2.1M
7. Iowa	\$ 2.0M
8. MIT	\$ 1.6M
9. Texas	\$ 0.9M
10. UC San Diego	\$ 0.9M

What we are responsible for . . .



Responsible for:

Single Point Contact
Identify Customer
Needs to Acquisition
Services
Communicate Status

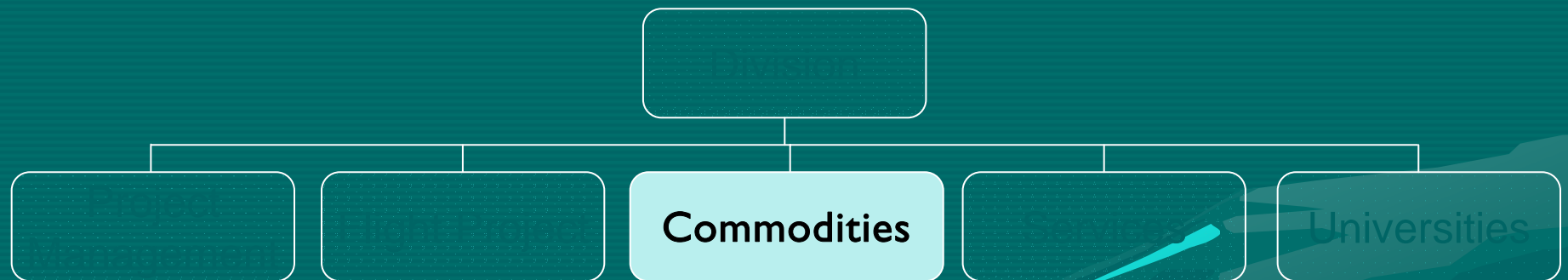
Spacecraft Systems
Spacecraft Subsystems
Flight Instruments
Technology Studies
Flight R&D Studies &
Hardware
Defense & Intelligence
Space Program
Reimbursables

Outside Fabrication &
Processing
Electronic Instrumentation
Test Equipment
Hardware, Software & ADP
Systems
Graphics Products &
Services
Office Equipment &
Machines
Electronic Components &
Supplies
Office & Computer Supplies
Electrical Supplies
Building Supplies & Hand Tools
Furniture

Contract Labor
Consulting Agreements
Engineering & Technical
Task-Type Services
Non-Flight R&D Studies
& Hardware
Facilities & Construction
Maintenance & Operations
Security Services
Institutional Support Services
Ground Support Equipment
Desktop & Network Services
Interplanetary Network
Support & Services

Scientific Investigations
Basic Research
Technical Studies
Flight Instruments &
Instrumentation
Educational Outreach
Not for Profits
Scientific Investigations
Basic Research
Technical Studies
Flight Instruments &
Instrumentation

What we are responsible for . . .



Responsible for:

- Outside Fabrication & Processing
- Office & Computer Supplies
- Hardware, Software & ADP Systems
- Graphics Products & Services
- Office Equipment & Machines
- Electronic Components & Supplies
- Building Supplies & Hand Tools

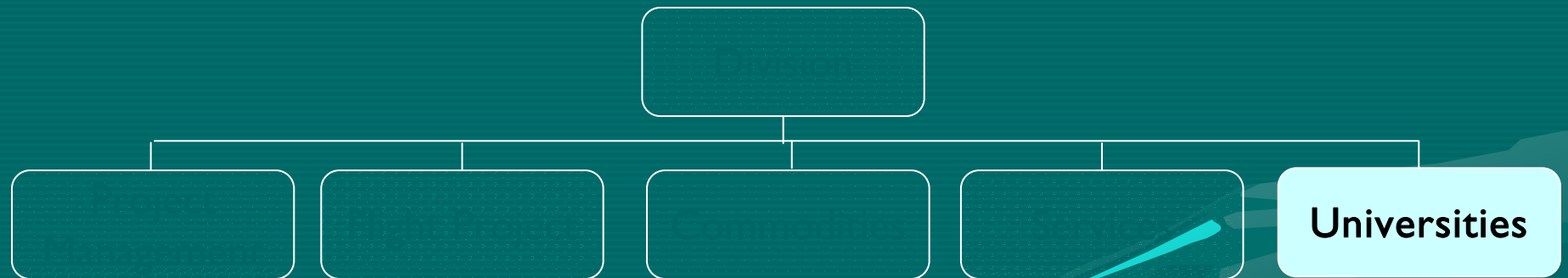
- Test Equipment
- Furniture
- Electrical Supplies
- Electronic Instrumentation

FY'03 Commitments

Commodities

\$56,511,793 in Commitments in FY'03

What we are responsible for . . .



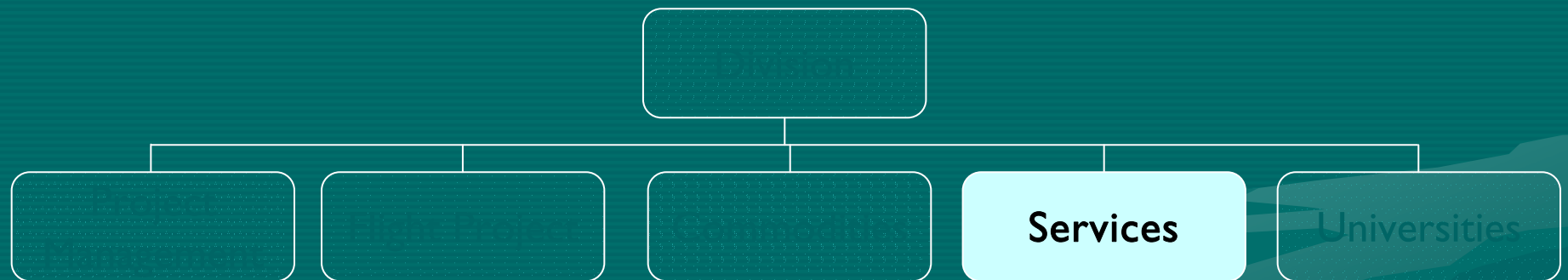
Responsible for:

Scientific Investigations
Basic Research
Technical Studies
Flight Instruments & Instrumentation
Educational Outreach
Not for Profits
Scientific Investigations
Basic Research
Technical Studies
Flight Instruments & Instrumentation

FY'03 Commitments

Universities	
 THE UNIVERSITY OF ARIZONA TUCSON ARIZONA	\$25M
 ARIZONA STATE UNIVERSITY	\$6M
	\$6M
 CORNELL	\$5M
 UNIVERSITY OF MICHIGAN	\$3M
	\$2M
 Colorado University of Colorado at Boulder	\$2M
 APL The Johns Hopkins University Applied Physics Laboratory	\$2M
 MIT Massachusetts Institute of Technology	\$2M
 THE UNIVERSITY OF TEXAS AT AUSTIN	\$2M

What we are responsible for . . .



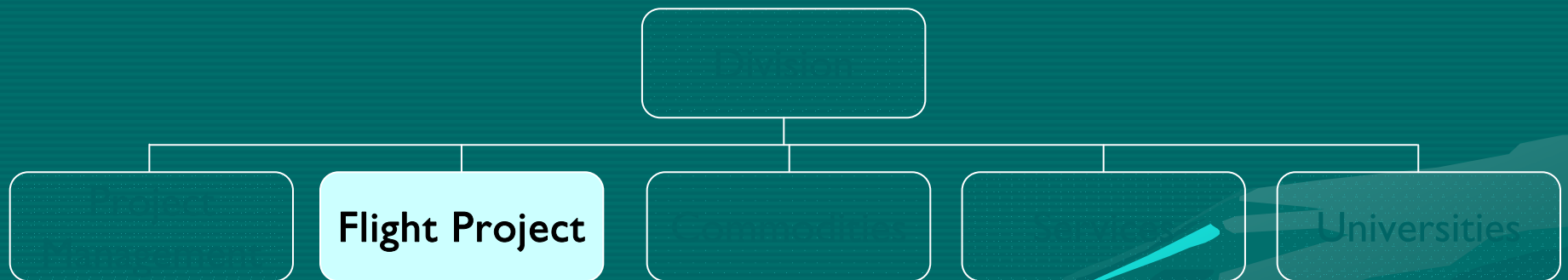
Responsible for:

- Contract Labor
- Consulting Agreements
- Engineering & Technical Task-Type Services
- Non-Flight R&D Studies & Hardware
- Facilities & Construction
- Maintenance & Operations
- Security Services
- Institutional Support Services
- Ground Support Equipment
- Desktop & Network Services
- Interplanetary Network Support & Services

FY'03 Commitments

Service Providers	
	\$34M
	\$20M
	\$16M
	\$16M
	\$14M
	\$12M
	\$10M
	\$8M
	\$7M
	\$6M

What we are responsible for . . .



Responsible for:

- Spacecraft Systems
- Spacecraft Subsystems
- Flight Instruments
- Technology Studies
- Flight R&D Studies & Hardware
- Defense & Intelligence Space Program Reimbursables

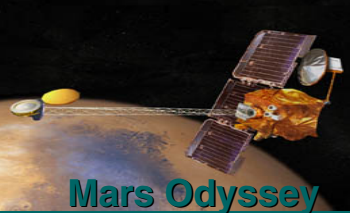
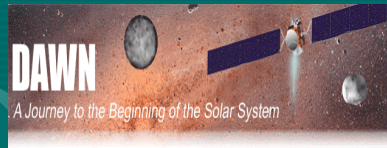
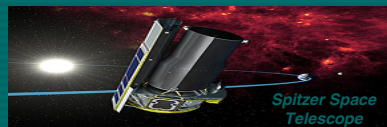
FY'03 Commitments

Flight Projects

	\$125M
	\$52M
	\$13M
	\$12M
	\$11M
	\$5M
	\$5M
	\$4M
	\$4M
	\$3M

Space System Offloads versus In-house Makes

Spacecraft System Offloads



In-House Makes



Spacecraft System Offloads Have High Subcontracted Material Content...

Lockheed Martin

\$208M Supplier
Content
(42%)



Lockheed Martin

\$105M Supplier
Content
(34%)



...In-House Spacecraft System Builds Have High Subcontracted Material Content

JPL



\$201M Supplier
Content
(32%)

Getting to Know the NASA and JPL Families Better



Find out more about NASA and JPL, and their wide range of missions and discoveries

Jet Propulsion Laboratory

<http://www.jpl.nasa.gov>



JPL Acquisition Division

<http://acquisition.jpl.nasa.gov/default.htm>

JPL Business Opportunities Office

<http://acquisition.jpl.nasa.gov/boo>



NASA

<http://www.nasa.gov>

Small Business Administration

<http://www.sbaonline.sba.gov>